



Shaler 5-Minute Vulcanizers

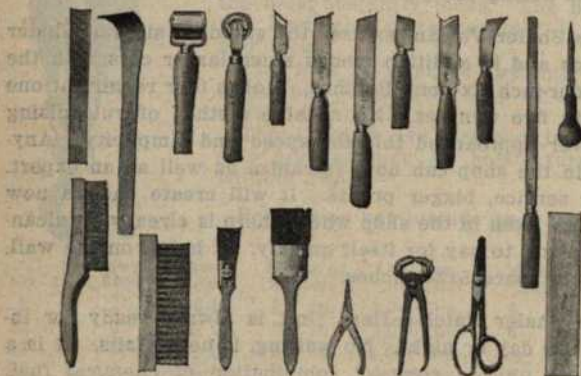


A very simple but successful method of repairing. Heat is produced by a chemically treated cardboard disc encased in a metal pan, which acts as a vulcanizing surface. The patch is attached to this pan. These are furnished in either round or oblong shape.

Each outfit includes twelve patch and heat units, half round and half oblong, nickel-plated vulcanizer, a piece of sandpaper for cleaning tubes and full instructions, all packed in an attractive display box. Weight, each, 1 lb.

No. M-5—Vulcanizer complete. Each, 1.50
No. 5R—Round Patch and Heat Units. Per doz., .75
No. 5L—Oblong Patch and Heat Units. Per doz., .75

Shaler Special Vulcanizing Tools



No.	Name and Description.	
1	Rubber Roughener, 8-inch tempered steel.	Each, .45
2	Casing Scraper, 12-inch hand forged.	Each, .45
3	Roller, 1½x1½-inch, steel, ball bearing.	Each, 1.25
4	Stitcher, 1½-inch, toothed edge, ball bearing.	Each, 1.25
5	Bevel End Cutting Knife, 2-inch.	Each, .40
6	Square Rubber Knife, 4x1-inch.	Each, .40
7	Square Rubber Knife, 6x1-inch.	Each, .45
8	Notched Fabric Knife, 2-inch.	Each, .50
9	Notched Fabric Knife, 4-inch.	Each, .60
10	Hawk Bill Notched Knife, 2¼-inch.	Each, .60
11	Lining Probe for loose fabric, 10-inch blade.	Each, .60
12	Rubber Probe, 7-inch round steel point.	Each, .20
13	Wire Brush, extra heavy shoe handle.	Each, .45
14	Wire Brush, extra heavy flat back.	Each, .60
15	Cement Brush, 1-inch, bristles in rubber.	Each, .25
16	Cement Brush, 2-inch, bristles in rubber.	Each, .45
17	Plug Pliers, 4½-inch, Bernard's patent.	Each, .35
18	Fabric Pincers, 5-inch.	Each, .60
19	Shear Snips, 8-inch crucible steel.	Each, .75
20	Sharpening Stone, 8x1½-inch square.	Each, .30
Assortment consisting of one each of the above, complete in box.		Each, 10.00

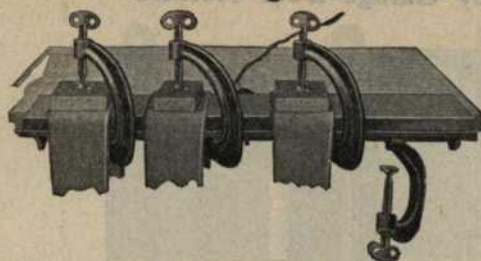
Tire Spreader



Gives nine adjustments, by ½-inch steps up to 9 inches, so that any size tire can be held in the most convenient position. Nickel plated.

No. W708S. Per doz., 1.80

Vulcanizing Electric Tube Plate



The ideal Vulcanizer for tire shop or service station. Its 5x24-inch surface takes four tubes at a time, or the full length can be used for mending a two foot rip or

tear. Type E attaches to the edge of the workbench. The four clamps are hinged to drop down out of the way when not in use and can be moved lengthwise to any point. Temperature regulated automatically by thermostats built inside of Vulcanizer and adjusted at the factory to maintain the correct temperature. The outfit consists of Vulcanizer with polished nickel surface, four clamps, four blocks for different sized repairs, two tested thermometers, cable and plugs for attaching to light socket. Maximum current, during thirty minutes required for heating up, 500 watts. Average after initially heated, 200 watts. Weight 40 lbs. State voltage of current.

Type E, No. 91—(Alternating current only) Each, 30.00

Vulcanizing Repair Material



For Fabric Tires. Wt. per sq. yd. Per lb.

No. 817-G—Tread Stock, in Sheet Form, 5 and 10 lb. flat cartons, 18 in. square; 25 lb. rolls, 18 in. wide, ½ in. gauge.	4.6 lbs	\$1.40
No. C-116—Cement Gum. 5, 10 and 25 lb. rolls, 18 in. wide, ½ in. gauge.	1.6 lbs.	\$2.40
No. C-126—Cushion Gum. 5, 10 and 25 lb. rolls, 18 in. wide, ½ in. gauge.	2.6 lbs.	\$1.80
No. 2130—Body Fabric (F. B. S. and C. O. S.). 5, 10, 25 and 50 lb. rolls, approx. 47 in. wide.	2.0 lbs.	\$3.00
No. 3140—Breaker Strip Fabric (F. B. S. and C. B. S.) 5, 10, 25 and 50 lb. rolls, approx. 45 in. wide.	1.7 lbs.	\$3.20
For Cord Tires.		
No. 8100—Cord Tire Tread Stock in Sheet Form, 5, 10, 25 and 50 lb. rolls, approx. 18 in. wide, ½ in. gauge.	4.5 lbs.	\$1.70
No. 8200—Side Wall Gum. 5, 10, 25 and 50 lb. rolls, 18 in. wide, ½ in. gauge.	4.6 lbs.	\$1.80
No. 8300—Cushion Gum. 5, 10, 25 and 50 lb. rolls, 18 in. wide, ½ in. gauge.	1.6 lbs.	\$2.25
No. 7430—Fabric. 5, 10, 25 and 50 lb. rolls, 28 in. wide.	2.7 lbs.	\$3.30

Miscellaneous.

No. CS-310—Combination Repair Sheet—Black. 5, 10, 25 and 50 lb. rolls, approx. 36 in. wide, ½ in. gauge.	2.7 lbs.	\$2.25
No. C-446—Quick Cure Tube Gum (5 min. cure). 5 and 10 lb. cartons, sheets 18 in. square, ½ in. gauge.	1.75 lbs.	\$2.25
Unvulcanized Camel Back Gum. No. 8100		\$1.50

Note:—Camel Back Stock is furnished only in 8100 grade. (In ordering specify size of tire.)

Built-Up Tread Stock. Camel Back, Cushion Stock and Breaker Strip, built into one stock. (In ordering specify size of tire.)

\$1.70

Shaler Vulcanizers for Repair Shops

Steam Vulcanizing Plant

Covers all requirements of a garage or repair shop. Handles all practicable tube and casing repairs. Machined tube plate $4\frac{1}{4} \times 30$ ins., cures six tubes as quickly as one and heats independently of casing attachment. Swivelled clamps insure even pressure to all parts of repair. All sizes of casings repaired by approved wrapped tread method as used by tire manufacturers. Simply build up a re-enforcement of fabric inside the casing, and fill hole through tire with Para gum (do not cut away a lot of expensive rubber and fabric). The inside casing mandrel, 14 inches long, then applies the heat directly against the fabric; the outside casing form which has one side shaped for tread repairs, the other to fit close to the rim, heats from the outside. A wrapping of tape and the Shaler clamping device apply enormous pressure. No air bags. The repair becomes the strongest part of the tire. No attention necessary after lighting burner. The boiler, a copper coil, raises steam in about twenty minutes and holds it at the right pressure indefinitely, a thermostat automatically regulating the gas or gasoline burner. Steam gauge and thermometer indicate both pressure and temperature. Safety valve eliminates danger of explosion.

Type NPR No. 41—Complete Garage Outfit as shown, weight 200 lbs. \$ 75.00
Includes 6 clamps and blocks for tube work, bead strips for rim cuts, casing clamps, tape for wrapping treads, thermometer, steam gauge and safety valve.

Type NPR No. 42—Same as above, but having two casing forms, giving double capacity; weight 260 lbs. \$100.00

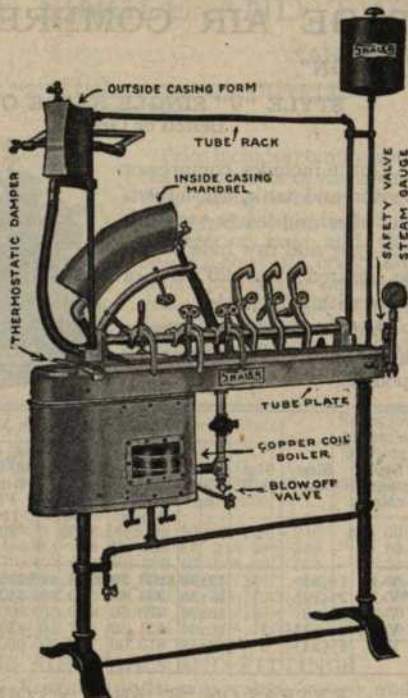
Type N No. 41—Same as above, but equipped for tube work only. Weight 160 lbs. \$ 50.00

Steam Tube Vulcanizer

This model does every kind of tube repairing. It cures four tubes at one time or single repairs up to two feet long. Can be used on floor or workbench, as the $4\frac{1}{4} \times 24$ ins. machined tube plate stands 9 ins. high. Runs for less than two cents an hour. Steam is raised in fifteen minutes and maintained at proper pressure, without regulating, by the Shaler automatic thermostat control. Equipped with steam gauge, safety valve and four clamps and blocks, same as larger models.

Type L, No. 40—Weight 75 lbs. \$35.00

Gas or gasoline burner on any of above vulcanizers at no extra cost. If not specified, gasoline burner furnished.



Electric Garage Plant

This plant, Type ACE, consists of the complete units Type A, Type C and Type E, mounted on a strong tubular stand. It does the same perfect work and has the same capacity as Type NPR steam plant—twenty tubes and one casing per hour. Temperature controlled automatically.

The inside casing form and tube plate are attached to the stand and have switches to permit heating separately. The outside casing form has a five foot conducting cord and plug which fits a socket in the stand or any lamp socket if work is to be done elsewhere on inflated tires. All connections are complete in the stand and connection to city current is made overhead, out of the way, through a plug at the top of the upright standard by means of extension cord to any lamp socket. No special wiring needed, as the entire apparatus consumes less current than an electric flatiron. Shipping weight 115 pounds.

Type ACE, No. 101—For Alternating Current. \$75.00

For rheostat controlled direct current equipment add \$10.00 to list price. (Specify voltage when ordering.)

Units Which Make Up Above Plant

(Can be purchased and used separately.)

Combination Casing Form and Tube Plate

Corresponds with inside form of Type ACE; that is, one face mends rim cuts, while the other fits large tread repairs. A flat surface mends one or two tubes at a time on an asbestos inlaid shelf attached to workbench. Temperature controlled automatically by a thermostat. No watching or regulating. Fits any size tire and mends cuts, etc., while tire is inflated on rim. Supplied with tube shelf, thermometer, conducting cord and full instructions. Weight 15 pounds.

Type A, No. 61—Polished nickel for A. C. and D. C. \$16.00

Inside Casing Form

Corresponds with inside form on ACE. Used with Type A for making casing repairs by the wrapped tread method. Fits any size tire. Supplied with tread tape, bench brackets, conducting cord and thermometer. Weight 18 pounds.

Type C, No. 71—Thermostat Control, A. C. only. \$25.00
For rheostat controlled D. C. equipment, add \$5 list.

Casing Mandrel



A casing form for holding tires in convenient position while preparing repairs and mending superficial cuts. Brackets included.

Casing Mandrel. Each, 2.50